

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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16800 U.S. PTO
10/604082
06/25/03

EFS ID: 42452
Application ID: 10604082
Title of Invention: PROCESS FOR FORMING
FEATURES OF 50 NM OR LESS
HALF-PITCH WITH CHEMICALLY
AMPLIFIED RESIST IMAGING
First Named Inventor: David Medeiros
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-06-25
Effective Receipt Date: 2003-06-25
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation number: 1081
Attorney Docket Number: FIS920030159
Total Fees Authorized: 750.0
Payment Category: Deposit Account
Deposit Account Number: 90458
Deposit Account Name: Steven Capella
RAM Payment Status: RAM has not been processed

Digital Certificate Holder: cn=Steven Capella,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 97f083916a5e10930caa081a1faf9a515aa8cb49

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	PROCESS FOR FORMING FEATURES OF 50 NM OR LESS HALF-PITCH WITH CHEMICALLY AMPLIFIED RESIST IMAGING	
<p>Application Number:</p> <p>Date:</p> <p>First Named Applicant: David R. Medeiros</p> <p>Confirmation Number:</p> <p>Attorney Docket Number: FIS920030159</p>		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Steven Capella Registered Number: 33086	Steven Capella	Attorney
Documents being submitted	Files	
us-request	FIS920030159US1-usrequ.xml us-request.dtd us-request.xml	
us-fee-sheet	FIS920030159US1-usfees.xml us-fee-sheet.xml us-fee-sheet.dtd	
us-ids	FIS920030159US1-usidst.xml	

	us-ids.dtd
	us-ids.xsl
application-body	FIS920030159US1-trans.xml
	us-application-body.xsl
	application-body.dtd
	wipo.ent
	mathml2.dtd
	mathml2-qname-1.mod
	isoamsa.ent
	isoamsb.ent
	isoamsc.ent
	isoamsn.ent
	isoamso.ent
	isoamsr.ent
	isogr3.ent
	isomfrk.ent
	isomopf.ent
	isomscr.ent
	isotech.ent
	isobox.ent
	isocyr1.ent
	isocyr2.ent
	isodia.ent
	isolat1.ent
	isolat2.ent
	isonum.ent
	isopub.ent
	mmlextra.ent
	mmlalias.ent
	soextblx.dtd
us-declaration	FIS920030159US1dec1.tif
us-declaration	FIS920030159US1dec2.tif
us-declaration	FIS920030159US1dec3.tif
us-declaration	FIS920030159US1dec4.tif

Comments

Assignee Name: International Business Machines Corporation Assignee Address:
Armonk, New York 10504

FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

**Title of
Invention**

PROCESS FOR FORMING FEATURES OF 50 NM OR LESS
HALF-PITCH WITH CHEMICALLY AMPLIFIED RESIST IMAGING

Application Number:

Date:

First Named Applicant: David R. Medeiros

Attorney Docket Number: FIS920030159

TOTAL FEE AUTHORIZED \$750

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Utility Filing Fee	1001	750	750
Subtotal For Basic Filing Fee: \$750			

EXTRA CLAIM FEES

Fee Description	Extra Claims	Fee Code	Amount \$	Fee Paid \$
Total Claims: 19	0	1202	18	0
Independent Claims: 2	0	1201	84	0
Subtotal For Extra Claims Fees: \$ 0				

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090458

Deposit name: International Business Machines Corporation

Deposit authorized name: Steven Capella

Signature: Steven Capella / s /

Date (YYYYMMDD): 2003-06-25

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.